

## **APPENDIX J EQUIPMENT ACCESSORIES**

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The following accessories are listed by category (CAT), subcategory (SUB), and description (including features required for safety). The accessories have been included with the major equipment listed in this pamphlet when they are not included with the basic cost and are offered by the manufacturer.

CAT . SUB	DESCRIPTION
<b>C85.10</b>	<b>CRANES, DRAGLINE AND CLAMSHELL, CRAWLER MOUNTED</b> Power load lowering Independent swing and travel Third drum Torque converter [machines 1 1/2 cubic yard (cy) or larger] Approximately one-half maximum boom length Counterweight (standard) Fire extinguisher 5-B:C Swing and reverse signal (backup) alarm Boom angle indicator and a load-indicating device Drum rotation indicators Anti-two block (upper limit) devices Manufacturers' mandatory accessories
<b>C85.20</b>	<b>CRANES, LIFTING, CRAWLER MOUNTED</b> Power load lowering Independent swing and travel Third drum Torque converter (machines 25 tons or larger) One-half maximum boom length (machines less than 60 tons) Maximum boom length at 360 degree rating (machines larger than 60 tons) Counterweight (standard) Fire extinguisher 5-B:C Swing and reverse signal (backup) alarm Boom angle indicator and a load-indicating device Drum rotation indicators Anti-two block (upper limit) devices Manufacturers' mandatory accessories Hook block on machines larger than 100 tons
<b>C90.01</b>	<b>TRUCK CRANES - LESS THAN 25 TONS</b> Power load lowering Third drum Mechanical outriggers with screw jacks Maximum boom length at 360 degrees rating
<b>C90.01</b>	<b>TRUCK CRANES - LESS THAN 25 TONS</b> (Continued)

CAT . SUB	DESCRIPTION
	Counterweight (standard) Fire extinguisher 5-B:C Swing and reverse signal (backup) alarm Boom angle indicator and a load-indicating device Drum rotation indicators Anti-two block (upper limit) devices Manufacturers mandatory accessories
<b>C90.02</b>	<b>TRUCK CRANE - 25 TONS AND LARGER</b>
<b>C90.03</b>	Power load lowering
<b>C90.04</b>	Third drum Hydraulic outriggers with screw jacks Torque converter when available (upper only) Maximum boom length at 360 degrees rating Counterweight (standard) Fire extinguisher 5-B:C Reverse signal (backup) alarm Boom angle indicator and a load-indicating device Drum rotation indicators Anti-two block (upper limit) devices Hook block on machines larger than 100 tons
<b>G15</b>	<b>GRADER</b> Rollover protective structures (ROPS) with enclosed cab Ripper/scarifier, rear mounted Front wheel lean Power circle Hydraulic shift and tilt moldboard End bits Standard work lights Fire extinguisher 5-B:C Reverse signal (backup) alarm
<b>H25</b>	<b>EXCAVATORS, HYDRAULIC</b>
<b>H30</b>	Backhoe bucket (standard) Backhoe stick (medium length) Backhoe boom (one piece) Backhoe bucket linkage (with cylinder) Guards Counterweight Standard work lights Reverse signal (backup) alarm ROPS Fire extinguisher 5-B:C

CAT . SUB	DESCRIPTION
<b>H35</b>	<b>HYDRAULIC SHOVELS - CRAWLER MOUNTED</b> Torque converter (machines 1 1/2 cy or larger) Counterweight Reverse signal (backup) alarm ROPS Fire extinguisher 5-B:C
<b>L30</b>	<b>LOADERS, BELT (CONVEYOR BELTS)</b> Power unit Head pulley clutch and backstop Belt cleaner and belt installing equipment King pin attachments
<b>L35</b>	<b>LOADERS, 1 1/2 cy AND LARGER</b>
<b>L40</b>	Blower fan Guard, power train Automatic bucket positioner Standard counterweight <u>Machines less than 7 cy:</u> General purpose or excavating bucket with bolt on cutting edge and no teeth <u>Machines 7 cy or larger:</u> Rock bucket with bolt on cutting edge and teeth Standard work lights Reverse signal (backup) alarm ROPS Fire extinguisher 5-B:C
<b>S10</b>	<b>SCRAPERS</b>
<b>S15</b>	Control single lever
<b>S20</b>	Blower fan Standard work light Guards, power train Reverse signal (backup) alarm ROPS Fire extinguisher 5-B:C Supplemental steering
<b>T15</b>	<b>TRACTOR, CRAWLER</b> Hydraulic controls for ripper and blade Guards Blower fan Standard work lights Hook, front pull Track grouser (severe service for units over 200 hp) Counterweights where required

CAT . SUB	DESCRIPTION
	Reverse signal (backup) alarm ROPS Universal blade
<b>T20</b>	<b>TRACTOR, WHEEL</b> Hydraulic controls for ripper and blade Guards Blower fan Standard work lights Blade Fire extinguisher 5-B:C Counterweights when required
<b>T25</b>	<b>TRACTOR, AGRICULTURAL</b> Independent power take off (PTO) Standard work lights Fire extinguisher 5-B:C Counterweights when required 3-point hitch ROPS Hydraulic system with controls
<b>T55</b>	<b>TRUCKS, OFF-HIGHWAY</b> No spin differential Tachograph Engine and transmission guards Body liners